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(19)

(11) Publication number: **2001**

Generated Document.

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **2000164519**(51) Intl. Cl.: **H04L 12/28 H04Q 7/38 H04**(22) Application date: **01.06.00**

(30) Priority:		(71) Applicant: <b>SHARP CORP</b>
(43) Date of application publication:	<b>14.12.01</b>	(72) Inventor: <b>KIMURA SHINYA</b>
(84) Designated contracting states:		(74) Representative:

**(54) ACCESS POINT DEVICE  
AND METHOD OF  
AUTHENTICATION  
PROCESSING THEREFOR**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide an access point device and a method of authentication processing therefor, with which a security level can be remarkably improved, in a wireless LAN system.

**SOLUTION:** An access point device 18 is provided with an authentication request display means 16 for making the access point device 18 report the existence of a mobile station requesting authentication for obtaining the final permission of an authentication procedure inside an area, to a network manager for managing a LAN, when the mobile station inside the area is to perform the authentication procedure, before the start of an association procedure and an authentication input means 15 for the network manager, who

receives the notice, to instruct the permission of refusal of authentication to the mobile station requesting authentication.

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